Title (en)

Electronic system with redundancy of elements and motor control chain implementing such a system

Title (de)

Elektronisches System mit Elemente-Redundanz und Steuerungskette eines Motors, der dieses System verwendet

Title (fr)

Système électronique avec redondance d'éléments, et chaîne de contrôle d'un moteur mettant en oeuvre un tel système

Publication

EP 2196908 B1 20120104 (FR)

Application

EP 09306209 A 20091211

Priority

FR 0858569 A 20081215

Abstract (en)

[origin: EP2196908A1] The system (6) has processing units (20, 26) connected to respective starting cards (22A, 28A) that acquire input signals delivered by sensors (8, 10, 12), where each unit and each card comprise two communication ports (P1, P2) i.e. bidirectional data ports. One of the ports of the units and one of the ports of the cards are connected together by respective point to point wired communication connectors (32, 38) i.e. Ethernet for Control Automation Technology (EtherCAT)connectors. Each port is activated and deactivated by respective software activation and deactivation controls.

IPC 8 full level

G06F 11/16 (2006.01); **G05B 9/03** (2006.01)

CPC (source: EP US)

G05B 9/03 (2013.01 - EP US); G05B 2219/24187 (2013.01 - EP US)

Cited by

CN102425558A; CN110087037A; EP3495825A1; FR3074895A1; WO2013174490A1; US9658267B2; US10900989B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2196908 A1 20100616; **EP 2196908 B1 20120104**; AT E540359 T1 20120115; FR 2939923 A1 20100618; FR 2939923 B1 20110311; US 2010168877 A1 20100701; US 8290602 B2 20121016

DOCDB simple family (application)

EP 09306209 A 20091211; AT 09306209 T 20091211; FR 0858569 A 20081215; US 65355909 A 20091215